

## UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

| Description of the general nature of what was agreed to if an agreement was reached, or any other comments. It was discussed:    Description of the general nature of what was agreed to if an agreement was reached, or any other comments. It was discussed:   Object   Claims   Claim   |                 |  | FIRST NAMED APPLICANT  | FILING DATE  | APPLICATION NUMBER   |
|--|-----------------|--|--|--|--|
| A. MATAK   ART UNIT   PAPER NUMBER   2601   S.   |                 | PARA-1479  | Alleman  | 2/12/97  | 08/798, 115  |
| Interview Summary  Interview Sum | □<br>R          | 0 440-00   |  |  | $\begin{array}{cccccccccccccccccccccccccccccccccccc$   |
| Interview Summary  I participants (applicant, applicant's representative, PTO personnel):  AHHA- JONN Suddon (3)  SPE- KHS Fa Zelle (4)  It et of Interview AII4 197  pe: Telephonic APersonal (copy is given to personnel):  Athibit shown or demonstration conducted: Yes No If yes, brief description:  Interview are reached. Awas not reached.  Interview was reached. Awas not reached.  Interview was reached. Awas not reached.  Interview are reached. Awas not reached.  Interview was reached. Awas reached. Awas not reached.  Interview are reached. Awas reached. Awas agreed to if an agreement was reached, or any other comments: It was discussed. It was agreed to fan agreement was reached, or any other comments. It was discussed. It was agreed to fan agreement was reached, or any other comments. It was discussed. It was agreed to fan agreement was reached, or any other comments. It was discussed. It was agreed to fan agreement was reached, or any other comments. It was discussed. It was agreed to fan agreement was reached, or any other comments. It was discussed. It was agreed to fan agreement was reached, or any other comments. It was discussed. It was agreed to fan agreement was reached, or any other comments. It was discussed. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It was agreed to fan agreement was reached, or any other comments. It |                 | 100  | The same of the sa | *  | El transport   |
| participants (applicant, applicant's representative, PTO personnel):  AHY-SON SUHON (3)  SPE KHS FO ZOLO (4)  te of Interview AIY 197  De: Telephonic APersonal (copy is given to papilicant Applicant's representative).  Inhibit shown or demonstration conducted: Yes ANO If yes, brief description:  Treement was reached. A was not reached.  It was a greed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was a scription was a scription.  It was a scription of the general nature of what was agreed to if an agreement was reached, or any other comments was a scription.  | <b>5</b>        | 4  | EW SUMMARIA  | INTERVI  | alandroop of the entropy of the entr |
| SPE KHS Fa Zelle (4)  te of Interview  |                 | organism of the second   |  | 50   | the same of the sa |
| pe: Telephonic Resonal (copy is given to applicant Representative).  hibit shown or demonstration conducted: Yes River Resonance of the secreption:  preement was reached. River not reached.  aim(s) discussed: 1 - 17  antification of prior art discussed: N/A  scription of the general nature of what was agreed to if an agreement was reached, or any other comments: If was discussed:  Claims 1-13 have been ancided to put the Claims in conformed the first the Claims in conformed to the comment of the secretary and according to the amendments if available, which the examiner agreed would render the claims allowable is available, a summary thereof must be according.  |                 | te de la cidade de la companya de l<br>La companya de la co   | (3)  | t's representative, PTO personnel)   | participants (applicant, applicant)  |
| pe: Telephonic Resonal (copy is given to applicant Representative).  hibit shown or demonstration conducted: Yes Resonal (specific description:  reement was reached. Resonated.  It was not reached.  It was not reached.  It was discussed: I - I T was di |                 | And the state of t | (4)  | ta Zele  | SPE-KHST   |
| hibit shown or demonstration conducted: Yes No If yes, brief description:    The property of the general nature of what was agreed to if an agreement was reached, or any other comments: It was dixus in the claims in conformation of the general nature of what was agreed to if an agreement was reached, or any other comments: It was dixus in conformation in the claims in conformation in the claims in conformation in the claims in the claims in conformation in the claims allowable is be attached. It not not be commented in the claims allowable is available, a summary thereof must be ached.   |                 |  | _ */   | + 197  | ite of Interview   |
| chibit shown or demonstration conducted: Yes No If yes, brief description:  greement was reached. Was not reached.  aim(s) discussed: 1—17  entification of prior art discussed: NA  entification of prior art discussed: NA  escription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed:  Claims 1—13 Wave been ancided to put the claims in conformed to put the claims in conformed to put the claims in conformed to the standard to put the claims in conformed to the standard to put the draft of the claims in the standard to put the draft of the claims in the standard to put the claims in the standard to put the draft of the claims allowable as the attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be ached.   |                 |  | applicant's representative).   | l (copy is given to applicant  | /pe: □Telephonic X Persona   |
| preement was reached. Awas not reached.  aim(s) discussed: 1-17  entification of prior art discussed: NA  escription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed. We claims 1-13 wave been ancided to put the claims in conformation by the claims of the claims in conformation by the claims of the claims allowable is available, a summary thereof, must be acted. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof, must be acted.  |                 | mi ·   | •  |  | •  |
| entification of prior art discussed:  NA  Scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed in Conformation of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed to put the Claims in conformation of the general nature of what was an ended to put the Claims in conformation of the general nature of what was an ended to put the Claims in conformation of the general nature of the claims in conformation of the general nature of the claims in conformation of the general nature of the claims allowable is available, a summary thereof must be eathered. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be eathered. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be eathered.  |                 |  |  |  |  |
| entification of prior art discussed:  NA  Secription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed.  Claims 1-13 Wave been annualed to put the claims in conformed the Buscheller of the Buscheller of the Claims in Conformed to the Buscheller of the Claims in Conformation of the Buscheller of the Buschelle |                 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1   | 1  | uon not ronghod  | reement Dwgs rosehed M   |
| scription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed to claims 1-13 wave been aneward to put the claims in conformed to but the claims in conformed to but the claims in conformed to but the claims in the formal to the claims 18-20 in a simplified language. The draft 131 is always to be attached to more claims allowable is available, a summary thereof must be ached.  The conformation of the general nature of what was agreed to if an agreement was reached, or any other comments: It was agreed to the draft 131 was agreed to the draft would render the claims allowable is available, a summary thereof must be ached.  |                 |  |  | vas nut reached.<br>•  | reement ∟ was reached. Δ/V   |
| escription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed to full the Claims in Conformed to put the Claims in Conformed to the Susception of the Susception of the Susception of the Susception of the amendments of available, which the examiner agreed would render the claims allowable is available, a summary thereof must be ached. The susception of the amendments which would render the claims allowable is available, a summary thereof must be ached.   | VIII.           |  |  | . 174  | aim(s) discussed:  |
| escription of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed to fact the claims in conformation of the general nature of what was agreed to if an agreement was reached, or any other comments: It was discussed to put the claims in conformation of the general nature of what claims 14-17 have been canceled in fact that the draft of the claims 18-20 in a simplified language. The draft of the draft of the claims allowable to more classes. It was agreed that the "draft" would contain description, it necessary, and a copy of the amendments it available, which the examiner agreed would render the claims allowable is available, a summary thereof must be latched. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be latched.  |                 | *  | -  | NA   | entification of prior art discussed:   |
| At claims 1-13 have been anended to put the claims in conformed with Kusc file: and that claims 14-17 have been canceled in facture of the claims 18-20 in a simplified language. The "draft" 131 willow discussed. It was agreed that the "draft" would render the claims allowable us be attached. "Also, where no copy of the amendments if available, which the examiner agreed would render the claims allowable is available, a summary thereof must be tached. "Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be tached."  |                 |  |  |  |  |
| At claims 1-13 have been anended to put the claims in conformed with Kusc file: and that claims 14-17 have been canceled in facture of the claims 18-20 in a simplified language. The "draft" 131 willow discussed. It was agreed that the "draft" would render the claims allowable us be attached. "Also, where no copy of the amendments if available, which the examiner agreed would render the claims allowable is available, a summary thereof must be tached. "Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be tached."  | oco L           | The see dien or  |  |  |  |
| The Joseph of the amendments which would render the claims allowable is available, a summary thereof must be ached.  | <u> </u>        | 1  | 1  | The state of the s | A A A C 1 _ 12 1   |
| Claims 18-20 in a simplified language. The "draft" 131  idual was discussed. It was agreed that the "draft" word  ane detail to more classes, and a copy of the amendments if available, which the examiner agreed would render the claims allowable is available, a summary thereof must be ached.)   | unc             | caems in conforma  | a to pur TITE  | 1000 ect anexa   | HOT THE SHE GAR BY HAND O  |
| idual was discussed. It was agreed that the "draft" would aneath to more clause establish the investors facts face. It was discussed in a copy of the amendments if available, which the examiner agreed would render the claims allowable is available, a summary thereof must be ached.  | Wor             | 1 canceled in fle  | 14-17 have be  | nd that Claims   | m 5USC \$112; a  |
| ist be attracted. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be ached.   |                 | The draft 131  | fied language  | 20 in a simple   | w claims 18-   |
| st be attached. Also, where no copy of the amendments which would render the claims allowable is available, a summary thereof must be ached.   | 100             | the "draft" 11901. Of  | is agreed that   | scussed. It we   | idavit was di  |
| This property for applicant to provide a second sec | VB -            | of would render the claims allowable   | establish the in   | more classes and a copy of the amendments if a   | tuller description, if necessary, a  |
| LI It is not necessary for applicant to provide a separate record of the substance of the interview.   | VI<br>Wide      |  | Allable, which the examiner ac   |  |  |
|  | VB<br>Evide     |  | ıld render the claims allowable  | and prove their expension of the con-  | cned.)   |
| ess the paragraph above has been checked to indicate to the contrary. A FORMAL WRITTEN RESPONSE TO THE LAST OFFICE ACTION NOT WALVED AND MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a response to the last Office ion has are ready been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE BITTERVIEW.   | е               | Andrew the service of | ild render the claims allowable<br>he substance of the interview.  | int to provide a separate record of t  | It is not necessary for applica  |
| Since the Examiner's Interview summary above (including any attachments) reflects a complete response to each of the objections, rejections and requirements that may be present in the last Office action, and since the claims are now allowable, this completed form is considered to fulfill the response requirements of the last Office action. Applicant is not reflected from executive to the considered to fulfill the response requirements of the last Office action.  | θ               | ONSE TO THE LAST OFFICE ACTION 7/13.04). If a response to the last Office O FILE A STATEMENT OF THE  | ald render the claims allowable the substance of the interview.  ary. A FORMAL WRITTEN RESTREAM (See MPEP Section THIS INTERVIEW DAT   | unt to provide a separate record of the send of the control of the control of the substance of the INDE THE SUBSTANCE OF THE INPUICANT IS GIVEN ONE MONTH  | It is not necessary for applica  It is not necessary for application of the necessary for the note of the note of the necessary for the note of the necessary for application of the necessar |
| the Interview unless box 1 above is also phecked.  Interview unless box 1 above is also phecked.  Interview unless box 1 above is also phecked.  | e<br>ION<br>ice | ONSE TO THE LAST OFFICE ACTION 7/13.04). If a response to the last Office O FILE A STATEMENT OF THE  | he substance of the interview.  ary. A FORMAL WRITTEN RE TTERVIEW. (See:MPEP Secti FROM THIS INTERVIEW DAT   | ant to provide a separate record of the sen checked to indicate to the control of the SUBSTANCE OF THE INPUCANT IS GIVEN ONE MONTH was summary above (including any a feat may be present in the last Officions in the last  | It is not necessary for application to the paragraph above has be NOT WAIVED AND MUST INCLUON has are ready been filed, API BSTANCE OF THE INTERNIEW  Since the Examiner's interview rejections and requirements, it is considered to fulfill the reservence.  |
|  | e<br>ION<br>ice | ONSE TO THE LAST OFFICE ACTION 7/13.04). If a response to the last Office O FILE A STATEMENT OF THE  | he substance of the interview.  ary. A FORMAL WRITTEN RE  TTERVIEW. (See:MPEP Secti  FROM THIS INTERVIEW DAT  ttachments) reflects a complete e action, and since the claims e action. Applicant is not relieve  | ant to provide a separate record of the control of  | It is not necessary for application to the paragraph above has be NOT WAIVED AND MUST INCLUION has are ready been filed, API BSTANCE OF THE INTERVIEW  Since the Examiner's Interview rejections and requirements it is considered to fulfill the respect the interview unless box 1 above.  |
| JEST AVAILABLE COPY SWEWBOY PRIMARY EXAMINER   | e<br>ION<br>ice | ONSE TO THE LAST OFFICE ACTION 7/13.04). If a response to the last Office O FILE A STATEMENT OF THE  | he substance of the interview.  ary. A FORMAL WRITTEN RE ATTERVIEW. (See:MPEP Section FROM THIS INTERVIEW DAT  ttachments) reflects a complete e action, and since the claims e action. Applicant is not relieve   | ant to provide a separate record of the control of  | it is not necessary for applications the paragraph above has be NOT WAIVED AND MUST INCLUTION has are ready been filled, API BSTANCE OF THE INTERVIEW Since the Examiner's Interview rejections and requirements it is considered to fulfill the respit the interview unless box 1 above.  |

## Manual of Patent Examining Procedure, Section 713.04 Substance of Interview must Be Made of Record

A complete written statement as to the substance of any face-to-face or telephone interview with regard to an application must be made of record in the application, whether or not an agreement with the examiner was reached at the interview.

§1.133 Interviews

(b) In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for response to Office action as specified in §§

§ 1.2. Business to be transacted in writing. All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office If that record is itself incomplete through the failure to record the substance of Interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record to made and to correct material inaccuracies which bear directly on the question of

Examiners must complete a two-sheet carbon interleaf interview Summary Form for each interview held after January 1, 1978 where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks in neat handwritten form using a ball point pen. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812:01 of the Manual of Patent only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 6.12.0.1 of the manual of Fateria. Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below.

The Interview Summary Form shall be given an appropriate paper number, placed in the right hand portion of the file, and listed on title "Contents" list on the file wrapper. The docket and serial register cards need not be updated to reflect interviews. In a personal interview, the duplicate copy of the Form is removed and given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephonic interview, the copy is mailed to the applicant's correspondence address either with or ories to the next official communication. If additional correspondence from the exemples is not likely before an ellowence of other circumstances. address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the telephonic Interview rather than with the next official communication.

The Form provides for recordation of the following information:

- -Serial Number of the application
- -Name of applicant. ...
- -Name of examiner
- Date of interview
- Type of interview (personal or telephonic)
- Name of participant(s)) (applicant, attorney or agent, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the claims discussed
- An identification of the specific prior art discussed

  An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or clatms agreed as being allowable). (Agreements as to allowability are tentative and do not restrict further action by the examiner to the
- -The signature of the examiner who conducted the interview
- Names of other Patent and Trademark Office personnel present.

The Form also contains a statement reminding the applicant of his responsibility to record the substance of the interview.

It is desireable that the examiner orally remind the applicant of his obligation to record the substance of the interview in each case unless beth applicant and examiner processes. Where the examiner agrees to record the substance of the interview or when it is adequately recorded on the Form or in an attachment to the Form, the examiner should check a box at the bottom of the Form informing the applicant that he need not supplement the Form by submitting a separate vector of the substance of the interview.

It should be noted, however, that the interview Summary Form with not normally be considered a complete and groper recordation of the interview unless it includes, or its supplemented by the applicant or the examiner, to include, all of the applicable terms required below concerning the substance of the interview.

A complete and proper recordation of the examiner, to include, all of the applicable terms required below concerning the substance of the interview.

1) A brief description of the principal arguments of any termination conducted.

3) an identification of the principal proposed amendments of a substantive nature discussed, unless these are elready described on the Interview Summary for complete do the examiner.

5) a brief identification of the general thrust of the principal arguments presented to the examiner. The identification of arguments need not be lengthy or

- Form completed by the examiner,

  5) a brief Identification of the general thrust of the principal arguments presented to the examiner. The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he feels were or might be persuasive to the examiner.

  6) a general indication of any other pertinent matters discussed, and

  7) If appropriate the general results or outcome of the interview unless elready described in the interview Stimmary Form completed by the examiner.

7) Iliappropriate; the general results or outcome of the interview unless elready described in the interview Stimmary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete or pacturate, the examiner will give the applicant one month from the date of the notifying letter or the remainder of any period for response, whichever is longer, to complete the response and thereby avoid abandonment of the application (37.CFR.1.135(c).).

Examiner to Check for Accuracy

Applicant's summary of what took place at the interview should be carefully checked to determine the accuracy of any argument or statement attributed to the examiner during the interview. If there is an inaccuracy and it bears directly on the question of patentability, it should be pointed out in the next Office letter. If the claims are allowable for other reasons of record, the examiner should send a letter setting forth his of her version of the statement attributed to him. If the record is complete and eccurate, the examiner should place the indication "interview record OK" on the page recording the substance of the interview along with the date and the examiner's initials.

BEST AVAILABLE COP'